

Title (en)
METHODS OF CONTROLLING THE HYDROPHILICITY OF CELLULOSE

Title (de)
VERFAHREN ZUR STEUERUNG DER HYDROPHILIE VON CELLULOSE

Title (fr)
PROCÉDÉS DE RÉGULATION DE L'HYDROPHILICITÉ DE LA CELLULOSE

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Application
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Abstract (en)
[origin: WO2016183453A1] In some embodiments, the present invention provides methods including the steps of providing cellulosic material, associating the cellulosic material with an organic acid (e.g., lactic acid) to form a mixture, and heating the mixture to a temperature between 100oC and 120oC for at least ten minutes to form a treated cellulosic material, wherein the water retention value of the treated cellulosic material is decreased by at least 10% as compared to untreated cellulosic material.

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Citation (search report)
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